IN THE CLAIMS

1 1-2 (canceled)

1	3.	(currently amended) The system as defined in claim 2
2		A hydrofoil system for lifting a boat out of water an
3		amount sufficient to reduce drag while still allowing the
4		boat to be powered by a conventional inboard-outboard
5		drive, wherein the boat has a hull with a bottom, a bow,
б		a stern with port and starboard trim tabs, and a
7		substantial center which is intermediate the bow of the
8		hull and the stern of the hull, said system comprising:
9		a) a front hydrofoil unit;
10		b) a center hydrofoil unit; and
11		c) a pair of rear hydrofoil units:
12		wherein said front hydrofoil unit depends from the bottom
13		of the hull at the bow thereof:
14		wherein said pair of rear hydrofoil units depend from the
15		port and starboard trim tab units of the hull,
16		respectively; and
17		wherein said center hydrofoil unit depend from the bottom
18		of the hull at the substantial center thereof, wherein
19		said front hydrofoil unit comprises a mounting portion;
20		wherein said front hydrofoil unit comprises a hydrofoil
21		portion;
22		wherein said mounting portion of said front hydrofoil
23		unit is for mounting to the bottom of the hull at the bow
24		thereof;

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25	wherein said mounting portion of said front hydrofoil
26	unit depends from the bottom of the hull at the bow
27	thereof;
28	wherein said hydrofoil portion of said front hydrofoil
29	unit mounts to said mounting portion of said front
30	hydrofoil unit; and
31	wherein said hydrofoil portion of said front hydrofoil
32	unit depends from said mounting portion of said front
33	hydrofoil unit, wherein said mounting portion of said
34	front hydrofoil unit comprises a pair of upper plates;
35	wherein said pair of upper plates of said mounting
36	portion of said front hydrofoil unit are disposed in a
37	V-shape along a common edge thereof;
38	wherein said pair of upper plates of said mounting
39	portion of said front hydrofoil unit are for mounting to
40	the bottom of the hull at the bow thereof; and
41	wherein said pair of upper plates of said mounting
42	portion of said front hydrofoil unit are for depending
43	<u>depend</u> from the bottom of the hull at the bow thereof.

- 4. (currently amended) The system as defined in claim[[,]]
 3, wherein said pair of upper plates of said mounting
 portion of said front hydrofoil unit have through bores.
- 1 5. (original) The system as defined in claim 3, wherein
 2 said mounting portion of said front hydrofoil unit
 3 comprises a stanchion; and
 4 wherein said stanchion of said mounting portion of said
 5 front hydrofoil unit depends along said common edge of

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- said pair of upper plates of said mounting portion of 6 7 said front hydrofoil unit.
- 1 The system as defined in claim 5, wherein 6. said mounting portion of said front hydrofoil unit 3 comprises a lower plate; and
- wherein said lower plate of said mounting portion of said 4 5 front hydrofoil unit depends from said stanchion of said б mounting portion of said front hydrofoil unit.
- 1 7. The system as defined in claim 6, wherein (original) said lower plate of said mounting portion of said front 2 3 hydrofoil unit contains through bores.
- 1 8. (original) The system as defined in claim 6, wherein said mounting portion of said front hydrofoil unit 2 3 comprises a pair of struts; wherein said pair of struts of said mounting portion of said front hydrofoil unit extend from said pair of upper 5
- plates of said mounting portion of said front hydrofoil 6 unit to said lower plate of said mounting portion of said 7 8 front hydrofoil unit, respectively.
- (original) The system as defined in claim 7, wherein 1 9. said hydrofoil portion of said front hydrofoil unit 2 3 comprises an upper plate;
- wherein said upper plate of said hydrofoil portion of 4 said front hydrofoil unit attaches to said lower plate 5

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- 6 of said mounting portion of said front hydrofoil unit;
- 7 and
- 8 wherein said upper plate of said hydrofoil portion of
- 9 said front hydrofoil unit depends from said lower plate
- of said mounting portion of said front hydrofoil unit.
 - 1 10. (original) The system as defined in claim 9, wherein
 - 2 said upper plate of said hydrofoil portion of said front
 - 3 hydrofoil unit contains through bores;
 - 4 wherein said through bores in said upper plate of said
 - 5 hydrofoil portion of said front hydrofoil unit align with
 - 6 said through bores in said lower plate of said mounting
 - 7 portion of said front hydrofoil unit so as to form
 - 8 aligned through bores; and
 - 9 wherein said aligned through bores receive upper bolts.
 - 1 11. (original) The system as defined in claim 9, wherein
 - said hydrofoil portion of said front hydrofoil unit
 - 3 comprises an extension; and
 - 4 wherein said extension of said hydrofoil portion of said
 - front hydrofoil unit depends from said upper plate of
 - 6 said hydrofoil portion of said front hydrofoil unit.
 - 1 12. (original) The system as defined in claim 11, wherein
 - 2 said hydrofoil portion of said front hydrofoil unit
 - 3 comprises a lower plate; and
 - 4 wherein said lower plate of said hydrofoil portion of
 - 5 said front hydrofoil unit depends from said extension of
 - said hydrofoil portion of said front hydrofoil unit.

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- 7 13. (original) The system as defined in claim 12, wherein 8 said lower plate of said hydrofoil portion of said front 9 hydrofoil unit has through bores.
- 1 14. (original) The system as defined in claim 13, wherein 2 said hydrofoil portion of said front hydrofoil unit 3 comprises a stanchion;
- wherein said stanchion of said hydrofoil portion of said
 front hydrofoil unit attaches to said lower plate of said
 hydrofoil portion of said front hydrofoil unit; and
 wherein said stanchion of said hydrofoil portion of said
 front hydrofoil unit depends from said lower plate of
- front hydrofoil unit depends from said lower plate of said hydrofoil portion of said front hydrofoil unit.
- 1 15. (original) The system as defined in claim 14, wherein said stanchion of said hydrofoil portion of said front hydrofoil unit has through bores;
 4 wherein said through bores in said stanchion of said hydrofoil portion of said front hydrofoil unit align with said through bores in said lower plate of said hydrofoil portion of said front hydrofoil unit so as to form
- 8 aligned through bores; and
 9 wherein said aligned through bores receive lower bolts.
- 1 16. (original) The system as defined in claim 14, wherein said hydrofoil portion of said front hydrofoil unit comprises a hydrofoil;

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2

- 4 wherein said hydrofoil of said hydrofoil portion of said 5 front hydrofoil unit depends from said stanchion of said 6 hydrofoil portion of said front hydrofoil unit; and 7 wherein said hydrofoil of said hydrofoil portion of said 8 front hydrofoil unit extends equidistantly out from said 9 stanchion of said hydrofoil portion of said front hydrofoil unit.
- 17. (currently amended) The system as defined in claim [[1]] 1 2 3, wherein said center hydrofoil unit comprises a pair 3 of stanchions; 4 wherein said center hydrofoil unit comprises a hydrofoil; 5 wherein said pair of stanchions of said center hydrofoil unit are for mounting to the bottom of the hull at the 6 7 substantial center thereof; wherein said pair of stanchions of said center hydrofoil В 9 unit are for depending depend from the bottom of the hull 10 at the substantial center thereof; and wherein said pair of stanchions of said center hydrofoil 11
- unit are for straddling the bottom of the hull at the 13 substantial center thereof. 1 18. (original) The system as defined in claim 17, wherein

said hydrofoil of said center hydrofoil unit depends from

3 said pair of stanchions of said center hydrofoil unit; 4 and 5 wherein said hydrofoil of said center hydrofoil unit extends equidistantly outwardly from said pair of 6 7 stanchions of said center hydrofoil unit.

نے وسٹران اور سند افرید بھی ایک اور بیسے مانو کا باہدہ کیا ہے۔ انہوں کا بواجہ کا باہد

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- 1 19. (currently amended) The system as defined in claim [[1]]
- 2 3, wherein each rear hydrofoil unit comprises a pair of
- 4 wherein each rear hydrofoil unit comprises a hydrofoil;
- 5 wherein said pair of stanchions of each rear hydrofoil
- 6 unit are for mounting to an associated one of the port
- 7 and starboard trim tabs; and

stanchions:

- 8 wherein said pair of stanchions of each rear hydrofoil
- 9 unit are for depending depend from the associated one of
- 10 the port and starboard trim tabs.
- 1 20. (original) The system as defined in claim 19, wherein
- 2 each stanchion of each rear hydrofoil unit is inverted
- 3 L-shaped;
- 4 wherein each stanchion of each rear hydrofoil unit has
- 5 a vertical portion;
- 6 wherein each stanchion of each rear hydrofoil unit has
- 7 a horizontal portion; and
- 8 wherein said horizontal portion extends outwardly from
- 9 said vertical portion thereof.
- 1 21. (original) The system as defined in claim 20, wherein
- 2 said horizontal portion of each stanchion of each rear
- 3 hydrofoil unit has through bores; and
- 4 wherein said through bores in said horizontal portion of
- 5 each stanchion of each rear hydrofoil unit are for
- 6 receiving screws for attaching said pair of rear
- 7 hydrofoil units to the port and starboard trim tabs,

8 respectively.

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22. (original) The system as defined in claim 20, wherein said hydrofoil of each rear hydrofoil unit depends from said pair of stanchions of an associated rear hydrofoil unit; and wherein said hydrofoil of each rear hydrofoil unit extends equidistantly outwardly from said pair of stanchions of said associated rear hydrofoil unit.

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